T05250 EP1B59760

FIG.1

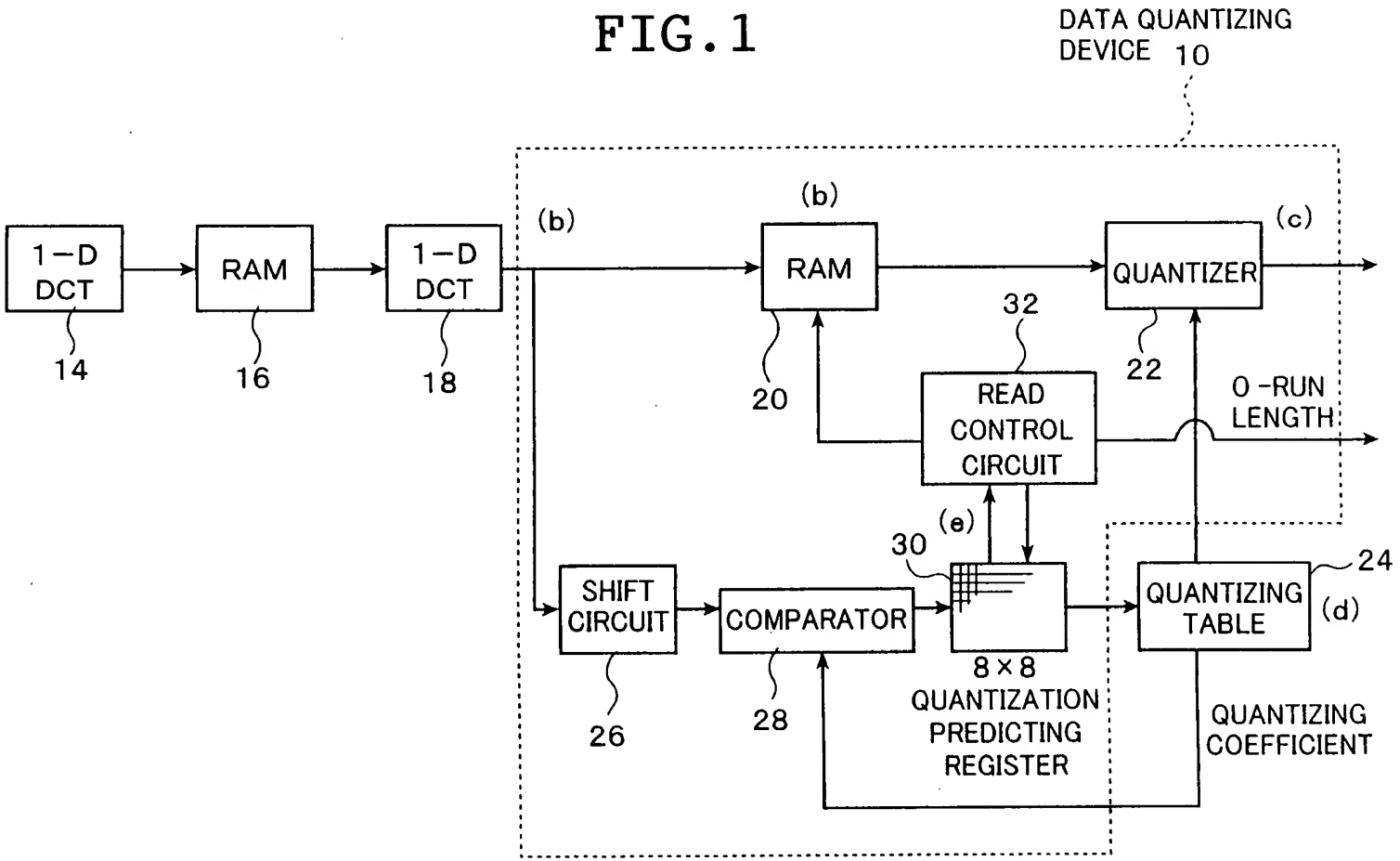

FIG. 2

(b)	260,	-79,	0,	-8,	-2,	-3,	-4,	1,	···
2×|(b)|	520,	158,	0,	16,	4,	6,	8,	2,	···
(d)	16,	12,	14,	14,	18,	24,	49,	72,	···
DECIDED RESULT OF COMPARISON	1,	1,	0,	1,	0,	0,	0,	0,	···

FIG. 3

(e) PREDICTING REGISTER

$$\begin{bmatrix} 1 & 1 & 1 & 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \end{bmatrix}$$

FIG. 4

	0-RUN LENGTH	(b)	(c)
1	0	260	16
2	0	49	4
3	0	-79	-7
4	1	36	3
5	0	-16	-2
6	2	-8	-1
7	0	-8	-1
8	EOB		

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FIG. 5

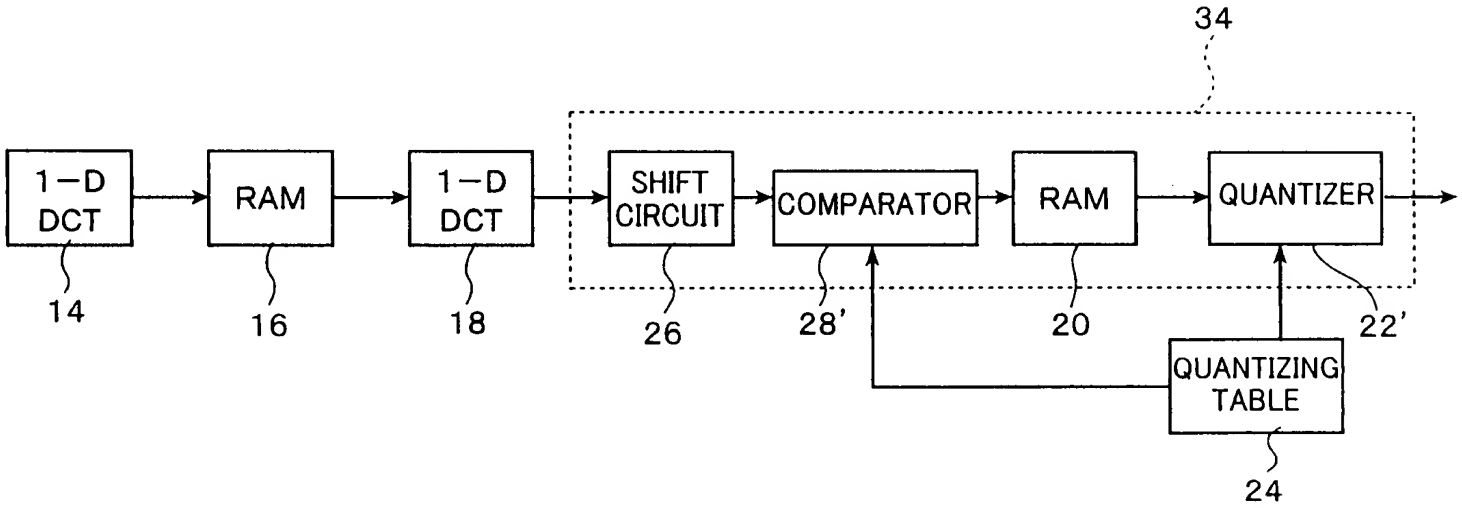

FIG. 7
PRIOR ART

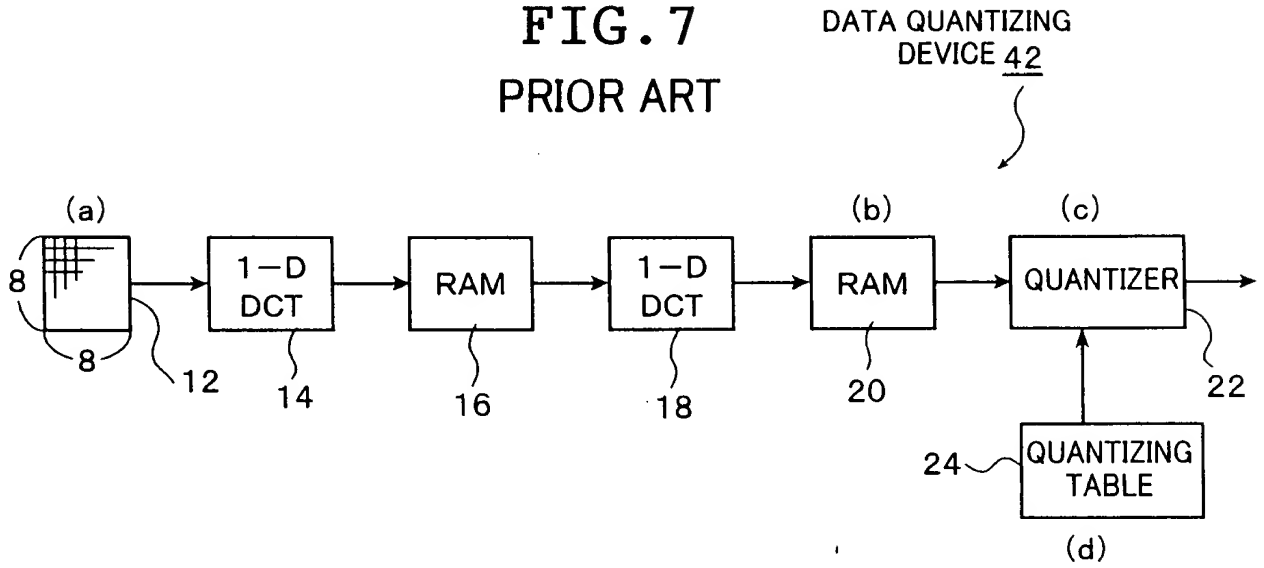

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FIG.8

(a) 8 × 8 PIXEL BLOCK

159	153	158	152	140	138	132	132
164	162	162	157	151	142	134	132
167	168	161	160	158	145	139	134
164	168	161	166	162	152	149	141
171	166	168	167	163	162	157	151
173	164	169	170	166	166	162	161
175	169	172	176	174	172	174	166
173	172	175	173	180	181	177	172

DCT →

(b) DCT COEFFICIENT

260	49	-16	5	2	4	0	1
-79	36	-2	-7	1	-3	-1	-2
0	-8	3	-2	-2	1	5	1
-8	-4	5	-4	1	7	6	-2
-2	-6	-1	0	-4	-1	0	-1
-3	-2	-1	-1	1	2	-5	-1
-4	-1	1	0	0	-2	2	0
1	1	1	1	-1	1	0	0

QUANTIZATION →

(c) QUANTIZED DCT COEFFICIENT

16	4	-2	0	0	0	0	0
-7	3	0	0	0	0	0	0
0	-1	0	0	0	0	0	0
-1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

(d) QUANTIZING TABLE

16	11	10	16	24	40	51	61
12	12	14	19	26	58	60	55
14	13	16	24	40	57	69	56
14	17	22	29	51	87	80	62
18	22	37	56	68	109	103	77
24	35	55	64	81	104	113	92
49	64	78	87	103	121	120	101
72	92	95	98	112	100	103	99
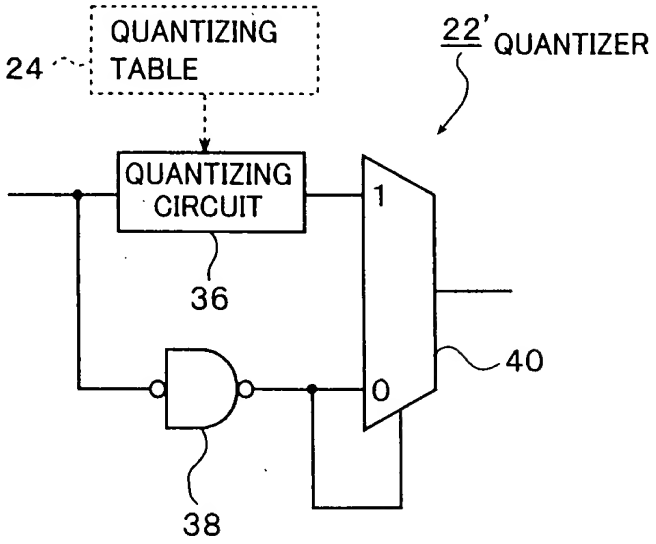
FIG.6